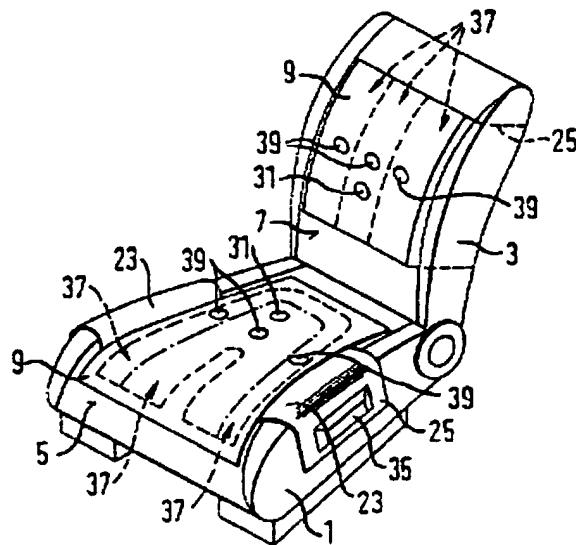


Temperature control for motor vehicle seat

Patent number: DE19503291
Publication date: 1996-08-08
Inventor: ROEDER MANFRED DIPLO. ING. (DE); THIELER WOLFGANG DIPLO. ING. (DE); WYCHNANEK RAINER DIPLO. ING. (DE); KARL ADOLF (DE); THOMAE ACHIM DR (DE)
Applicant: FICHTEL & SACHS AG (DE)
Classification:
- **international:** B60N2/44; A47C7/74
- **European:** A47C7/74; B60H1/00L; B60N2/56E4
Application number: DE19951003291 19950202
Priority number(s): DE19951003291 19950202

Abstract of DE19503291

The temperature control system is built into a flexible mat (9) positioned inside the seat padding. An array of Peltier devices (11) are positioned between the mat cover and a heat conducting base layer (23, 25) which takes the heat away to side areas where it is transferred to an air stream. The Peltier devices are fitted to metal bridges (19) and are connected to the vehicle electric system. The cooling system is divided into areas of the seat and seat back which are controlled by pressure sensitive switches (39). These ensure that the cooling effect is only applied when the seat is occupied. A reversible control switch switches the cooling effect to a heating effect, to warm the seat.



Data supplied from the esp@cenet database - Worldwide

Device for air-conditioning of motor vehicles

Patent number: EP1088696
Publication date: 2001-04-04
Inventor: SCHEID HELMUT (DE)
Applicant: WEBASTO KLIMATECH GMBH (DE)
Classification:
- **international:** B60N2/56
- **european:** B60H1/00A2; B60H1/00C; B60N2/56C4C
Application number: EP20000121006 20000927
Priority number(s): DE19991047567 19991002

Also published as:
 EP1088696 (A3)
 DE19947567 (A1)

Cited documents:
 FR2717747
 EP0272789
 EP0411375
 EP0350896
 DE19830797
[more >>](#)

Abstract of EP1088696

The automobile air-conditioning device has a first air-conditioning unit for controlling the environment for the occupant of an automobile front passenger seat (10) and a second air-conditioning unit for controlling the environment for the passenger seated to the rear of this seat, with respective air-conditioning controls (48,48') incorporated in the seat, for easy operation by the front and rear passenger.

